

WHAT IS CLAIMED IS:

1. An electric acoustic converter having a rear surface terminal electrically connected to an end of a voice coil which is inserted into a gap of a magnetic circuit comprising:

a yoke which serves as a magnetic circuit constituent element having a rear surface at least a part of which is formed as a surface exposed to the outside to form a magnetic circuit; and

said rear surface terminal arranged at a plurality of locations of the exposed surface to be electrically connected to ^{an} electrode on the side of the connector, the terminal being arranged at a plurality of locations of said exposed surface in the state in which said rear surface terminal is not extended out of the surface area of the exposed surface.

2. The electric acoustic converter having a rear surface terminal according to claim 1, wherein said rear surface terminal is formed of a surface electrode formed on a surface of the wiring substrate which is overlapped on said exposed surface.

3. The electric acoustic converter having a rear surface terminal according to claim 2, wherein said exposed surface and a recessed surface located at a position lower than the exposed surface at a location adjacent to the exposed surface are disposed on the rear surface of the yoke, said wiring substrate integrally comprises a projecting piece portion arranged on said recessed surface, and a soldering land is formed on the surface of the projecting piece portion, which is electrically short-circuited to said rear surface terminal via a line connecting pattern formed on said wiring substrate while an end of said voice coil is

09874115-060601

soldered to the soldering land.

4. The electric acoustic converter having a rear surface terminal according to claim 3, wherein the rear surface of said yoke is formed in a flat surface circular configuration, said exposed surface is partitioned and formed on the central portion of the rear surface, and said recessed surface is partitioned and said recessed surface are partitioned and formed in a ring-like configuration on the periphery of the exposed surface.

5. The electric acoustic converter having a rear surface terminal according to claim 3, wherein the converter comprises two rear surface terminals and two soldering lands, said line connection patterns electrically short-circuiting the corresponding rear surface terminal and the soldering lands is formed on a rear surface of said wiring substrate, and the rear surface of the wiring substrate is joined with the rear surface of said yoke via the sticking layer.

6. The electric acoustic converter having a rear surface terminal according to claim 1, wherein a plurality of rear surface terminals arranged respectively on a plurality of locations of said exposed surface are formed of a surface electrode having a circular or a ring-like circular configuration which are mutually concentrically arranged.

7. The electric acoustic converter having a rear surface terminal according to claim 1, wherein the electrode on the side of the connector is formed of an end surface of the conductive rubber.

8. The electric acoustic converter having a rear surface terminal according to claim 1, wherein the electrode on the side of said connector

is formed of a contact point provided on the contact piece member.

09874115-060601